BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work: Detailed Estimate for the work of Providing UGD work System in ward no -01 of yelahanka Sub division.

Estimate Cost Rs. 750000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2 2 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m after breaking of clods complete as per specifications specification No. KBS 2.1(b) / 2 3 5 (P No 5, I No 2 4) SR 2018 19								
	Excavation for pipeline and manhole								
			1	120 00	0 60	1 20	86 40		
			1	120 00	0 75	1 80	162 00		
			1	130 00	0 75	2 50	243 75		
	2x2x(3.14(1.10)2/4 x 1.10 =4.16cum						4 16		
	2x2x(3.14(2.00)2/4 x 2.00 = 31.12cum						31 12		
	2x(3.14(2.50)2/4 x 2.20 = 16.71cum						16 71		
	2x(3.14(2.50)2/4 x 2.50 = 24.53cum						24 53		
	deduct pipeline portion					A)	568.67		
			4	0 90	0 60	0 90	1 94		
			4	1 00	0 75	1 60	4 80		
			2	1 20	0 75	2 00	3 60		
			2	1 20	0 75	2 20	3 96		
						B)	14.30		
						A-B	554.37	299.98	166298.71
	Basic Rate 283 00								
	Area Weightage 6% 16.98								
	Grand Total 299 98								
2	KSRB 12-5 1 Constructing brick masonry circular type manhole 0 91 m internal dia at bottom 0 91m deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement foundation concrete M10 mix using 40mm and downsize granite metal and making necessary channel in cement concrete M50 mix with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty , HD-20 grade designation) 560mm internal diameter confirming IS 12592, total weight cover and frame to be not less than 182kg fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications.(Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid separately) Specification No. KBS 12 4 Page No. 72/ Item No. 11.37 PWD SR 2018-19								
	A) Deep 0 91 mtr	Nos	3				3 00		
							3.00	15587.30	46762.00
	Basic Rate 14705.00								

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage 6%	882 30							
	Grand Total	15587 30							
	B) Deep 1 67 mtr		4				4 00		
							4.00	**25741.04**	**102964.00**
	Basic Rate	24284 00							
	Area Weightage 6%	1457 04							
	Grand Total	25741 04							
3	KSRB 12-5 3 Constructing brick masonry circular type manhole 1 22 m internal dia at bottom 1 68m deep and 0 56m dia at top with table moulded non-modular bricks of class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1 3, finished with a floating coat of neat cement foundation concrete M10 mix using 40mm and downsize granite metal and making necessary channel in cement concrete M15 mix with 20mm and downsize granite metal finished with a floating coat of neat cement, with S F R C cover and frame (heavy duty , HD-20 grade designation) 560mm internal diameter confirming IS 12592, total weight cover and frame to be not less than 182kg fixed in cement concrete M15 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid separately) Specification No KBS 12 4 Page No 73/ Item No 11 39 Item No 11 39 PWD SR 2018-19								
		Nos							
	A) Deep 1 68mtr		2				2 00		
							2.00	**31077.08**	**62154.00**
	Basic Rate	29318 00							
	Area Weightage 6%	1759 08							
	Grand Total	31077 08							
	B) Deep 2 29 mtr		2				2 00		
							2.00	**36944 18**	**73888.00**
	Basic Rate	34853 00							
	Area Weightage 6%	2091 18							
	Grand Total	36944 18							
4	KSRB 12-1 1 Providing and laying in position to required level or slope 200mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications Specification No KBS 12 2 5/12 7 Page No 72/ Item No 11 3/ PWD SR201819								
		mtr							
			1	310 00			310 00		
							310.00	**516.22**	**160028.00**
	Basic Rate	487 00							
	Area Weightage 6%	29 22							
	Grand Total	516 22							
5	KSRB 12-6 1 Providing 20mm square M S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No KBS 12 4 6 (P No 73, I No 11 44) SR 2018-19								
	For Chamber		40				40.00		
							40.00	**292.56**	**11702.00**

66245

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	276.00							
	Area Weightage 6%	16.56							
	Grand Total	292.56							
6	KSRB 2-4 Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5 m including cost of all labour complete as per specifications (P.No. 6, I.No. 2.11) SR 2018-19						554.37 554.37	 80.56	 44659.72
	Basic Rate	76.00							
	Area Weightage 6%	4.56							
	Grand Total	80.56							
								Sub total	668456.44
7	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								80214.77
8	Miscellaneous and unforeseen charges	Ls							1328.79
								Total Ammount Rs.	750000.00

(Rupees Seven Lakhs fifty thousand only)

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2018-19
3) The provisions were made in this estimate are necessary and adequate
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits
5) This work is not repeated in any other programs or Grants

Assistant Engineer
Ward No.1

Executive Engineer
Yelahanka-Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

dministrative Sanction for Rs. 7.50 lacs
Seven Lacky Sy
Fifty Thousand only
ccorded under head P. 3295
2018-19

ered as CE No. ..... Subject
itions contained in enclosed memo
EE/AA/19/18-19 Dt. 7-2-19

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 7.50 lacs
Rupees Seven Lacky Sy
Fifty Thousand only
Under P. 3295 - 2018-19

Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. Estimate A. Sanctioned
EE/TS/17/18-19 No.
Dated 7-2-19 Rs. 7.50 lacs

Executive Engineer

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 1- KEMPEGOWDA WARD

150 - YELAHANKA AC

NOTIFICATION NO. UDD 59 MLR 2009, DATE. 15.07.09